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湖南淫羊藿属(小檗科)一新种*

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A new species of *Epimedium* L.(Berberidaceae) from Hunan, China

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Key words　*Epimedium* L.; *E. lobophyllum* L. H. Liu et B. G. Li; New spices; China
关键词　淫羊藿属; 裂叶淫羊藿; 新种; 中国

裂叶淫羊藿　新种　图 1

Epimedium lobophyllum L. H. Liu et B. G. Li, sp. nov. Fig. 1

Proximum *E. sagittato* (Sieb. et Zucc.) Maxim., sed foliolis saepe apice 3-lobatis (raro 2 vel 5-lobatis), praeter nervos subtus pilosos glabris, sepalis apice 2-lobatis, capsula subcylindrico-elliptica differt.

Herba perennis, 30~70 cm alta; rhizoma rigidum, internodiis abbreviatis et squamis fuscis instructum. Caulis erectus, cylindricus, fistulosus, glaber. Folia ternata, basalia minora, caulina 2 vel 3, petiolis 6~9.5 cm longis; foliola terminalia obovata vel ovata, raro obovato-elliptica, 9~14 cm longa, 4~6.4 cm lata, margine spinuloso-serrulata, apice saepe 3-lobata varo 2- vel 4~5-lobata apice acuminata, basi cordata, supra viridia, subtus pruinoso-viridia, ad nervos pilosa, petiolulis 5~7 cm longis, lateralia anguste ovata, apice acuminata, basi cordata, asymmetrica, petiolulis 2~3.5 cm longis. Panicula terminalis 8~25(~34) cm longa, glabra; pedicelli 7~17 mm longi. Flores albi vel flavidi, parvi, c. 3~4.5 mm diam. Sepala exteriora 4, ovata vel elliptica, apice saepe 2-lobata, 2.5~3.5 mm longa, 1.5~2.5 mm lata, interiora 4, obovata vel ovato-lanceolata, 2~3.5 mm longa, c. 1 mm lata; petala 4, late elliptica vel orbicularia, 1.5~2 mm longa, c. 1.5 mm lata; stamina 4, 3~4 mm longa, antheris c. 1.5 mm longis; ovarium anguste ovatum, 3~3.5 mm longum, 2~6-ovulatum; stylus c. 2 mm longus. Capsula c. 1.3~1.7 cm longa, rostro 4~5 mm longo. Semina c. 3.5 mm longa.

Hunan(湖南): Sangzhi(桑植), Tianpingshan(天平山), alt. 1450 m, 1978-05-15, L. H. Liu(刘林翰)17296(holotype, HNNU); Jiangyong(江永), Shangjiangxu(上江圩), 1986-04-23, Z. D. Li(李子德)31; Qianyang(黔阳), Tokou(托口), alt. 700 m, 1986-07-20, J. F. Hu(胡继发)223.

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图1 裂叶淫羊藿 1,2. 植株；3. 花；4,5. 外轮萼片；6,7. 内轮萼片；8. 花瓣腹面；9. 花瓣侧面；10. 雄蕊；11. 雌蕊；12. 果实。(刘林翰 绘)

Fig. 1 *Epimedium lobophyllum* L. H. Liu et B. G. Li 1,2. Habit; 3. Flower; 4,5. Outer sepals; 6,7. Inner sepals; 8. Ventral surface of petal; 9. Side view of petal; 10. Stamen; 11. Pistil; 12. Capsule.

多年生草本，高 30～70 cm。具木质化结节状根状茎，粗短，多分枝，有节，表皮黄褐

色或红棕色,密被红棕色膜质破碎的鳞片;须根多数,坚韧,暗褐色。茎直立,丛生,圆柱形,中空,光滑无毛,浅绿色,带红紫色晕,干后麦秆黄色;全体除叶背面脉上外,各部均光滑无毛。一回三出复叶,基生或2~3叶轮生状着生于花茎顶端;基生叶较小,有细长叶柄;茎生叶叶柄长7~11 cm;叶片厚纸质,中小叶倒卵形或卵形,稀为倒卵状椭圆形,长9~14 cm,宽4~6.5 cm,叶缘具稍不均匀长1~2 mm的刺芒状齿,齿距1~3(~5) mm,近先端通常3裂,少2或4~5裂,裂片顶端渐尖(偶不裂),基部心形,匀称而钝圆;小叶柄长5~7 cm;侧生小叶狭斜卵形,无裂,先端渐尖,基部斜心形,两侧不等大,具长2~3.5 cm的小叶柄;腹面绿色,光泽,背面粉绿色,脉上具疏或密的白色柔毛,干后两面网脉细密,隆起。圆锥花序,顶生,长18~25(~34) cm,着多数小花,最下分枝2~3个,自花序基部分出,花序轴圆柱形,光滑无毛,花梗长7~17 mm,基部有一小苞片,花白色或淡黄色,小,直径约3~4.5 mm;萼片8枚,分为两轮,每轮两两对生,最外一对较小,卵形,靠内一对较大,近椭圆形,侧缘内卷,先端浅二裂,长约2.5~3.5 mm,宽1.5~2.5 mm,内轮外2片阔倒卵形,先端微凹或圆钝,长为2~3.5 mm,宽约1.5~2.5 mm,内2片较小,狭卵形或卵状披针形,先端渐尖,长2~2.5 mm,宽约1 mm(偶有可见第3轮萼片中的2枚者);花瓣4片,较细小,短于内萼片,长约1.5~2 mm,宽约1~1.5 mm,宽椭圆形至近圆形,两侧内卷,上中部外侧有1浅囊;雄蕊4枚,长3~4 mm,花丝扁平,长与花药相等或稍短于花药,花药先端稍尖;雄蕊子房斜卵状线形,长约1.5~2 mm,1室,具胚珠2~6枚,花柱偏生,长约1.5~2 mm。果近柱状椭圆形,连喙长约1.3~1.8 cm(或稍长),宽3~4 mm,喙长约4~5 mm ,有时腹缝线一侧种子间稍缢缩,具暗红棕色种子2~6颗,种子长肾形,长约3.5 mm,宽约1~1.3 mm,表面光滑。花期4~7月,果期7~9月。

本新种与箭叶淫羊藿关系密切,但本新种腹叶的中部小叶先端明显3(稀2或5)浅裂,叶背面仅脉上被疏或密白色柔毛;萼片先端通常2浅裂;蒴果近柱状椭圆形,容易与之区别。